

Title (en)

STRUCTURAL COMPOSITES WITH ENHANCED MODULI OF ELASTICITY

Title (de)

KONSTRUKTIONSVERBUNDWERKSTOFFE MIT ERHÖHTEN ELASTIZITÄTSMODULEN

Title (fr)

COMPOSITES STRUCTURAUX A MODULES D'ELASTICITE AUGMENTES

Publication

**EP 1660587 B1 20090325 (EN)**

Application

**EP 04782515 A 20040827**

Priority

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- US 50733903 P 20030930

Abstract (en)

[origin: WO2005021656A1] The invention provides for structural composites made from biomaterials such as wood products, plant fibers and the like; and/or a non-biomaterial having free -OH groups; a thermoplastic resin such as a polyolefin; coupling agents such as a thermosetting resin or a second thermoplastic resin; a blocked catalyst, a crosslinker and other functional additives may be used.

IPC 8 full level

**C08L 97/00** (2006.01); **C08L 89/04** (2006.01); **C08L 97/02** (2006.01); **C08L 99/00** (2006.01); **C08L 23/12** (2006.01); **C08L 23/26** (2006.01)

CPC (source: EP US)

**C08J 3/246** (2013.01 - EP US); **C08L 23/10** (2013.01 - EP US); **C08L 89/04** (2013.01 - EP US); **C08L 97/02** (2013.01 - EP US);  
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C-Set (source: EP US)

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DOCDB simple family (publication)

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